

Work Order ID 110970

January-08-14 12:44:30 PM

110970

Page 1

Item ID: D3018-1 Accept ***N19000040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Seat Cushion
Start Date: 1/15/14 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 1/15/14 Req'd Qty: 4.00 ***4*** Customer:
Reference:

Approvals: Process Plan: MLJ Date: 1401-13 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr								
D3018	B								

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 22600

Possible supplier: Chestnut Ridge Airflex fire-resistant aircraft cushioning

Order: Grade 55.65 (colour orange), Density 3.6lb/ft³

Material must meet FAR 27.853(a) or 25.853(a)

Part is symmetric about centerline-All dimensions

CX 14/01/13 (4)

110

0.00

110

Packaging

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

Packaging (4)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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DQA: _____ Date: _____



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Picklist Print

January-08-14 12:44:30 PM

Page 1

Work Order ID: 110970

Parent Item: D3018-1

Parent Item Name: Seat Cushion

Start Date: 1/15/14

Required Date: 1/15/14

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B01.06.08Removed acid etch & alodine EC
NCR 11-588 DD VERF:EC IPP REV:C 11.08.08 added note per

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3018-1P Seat Cushion		Purchased	No			110	Each	0.0000	1	4		1/21/15 (4)	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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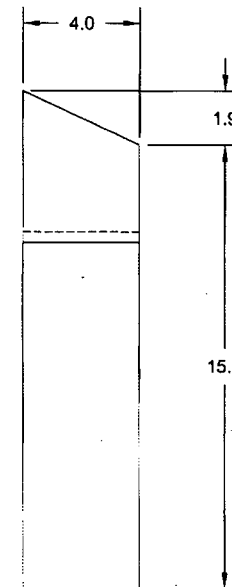
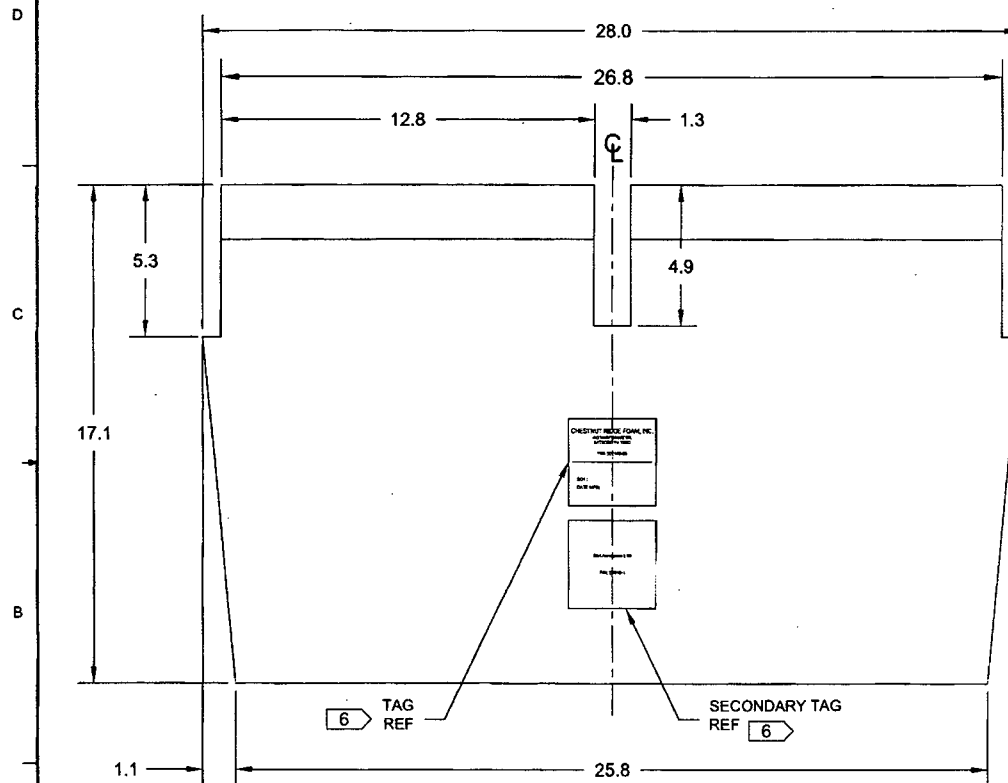
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FAULT CATEGORY

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SPECIFICATION CONTROL DRAWING

TABLE 1							
THICKNESS/ HEIGHT	TOLERANCE		LENGTH/ DEPTH	TOLERANCE		WIDTH (LEFT TO RIGHT)	TOLERANCE
	(+)	(-)		(+)	(-)		(+)
0.0 - 0.50	0.05	0.05	0.00 - 6.00	0.05	0.05	0.00 - 6.00	0.05
0.51 - 1.00	0.13	0.05	6.01 - 12.00	0.13	0.13	6.01 - 12.00	0.13
1.01 - 3.00	0.13	0.05	12.01 - 24.00	0.25	0.25	12.01 - 24.00	0.25
3.01 +	0.19	0.13	24.01 +	0.50	0.38	24.01 +	0.50



D3018-1 SEAT CUSHION

NOTES:

- 1) MATERIAL: MUST MEET FAR 27.853(a) OR 25.853(a)
AIRFLEX FIRE-RESISTANT AIRCRAFT CUSHIONING
GRADE 55-65 (COLOUR ORANGE)
DENSITY 3.6 lb/ft³
- 2) FINISH: NONE
- 3) TOLERANCES: PER TABLE 1
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: TAG(S), BURNED, TO SHOW THE FOLLOWING AT MINIMUM:

CHESTNUT RIDGE FOAM, INC.
443 WAREHOUSE DR.
LATROBE, PA 15650
SO#
DATE MFD:
DART AEROSPACE LTD. P/N D3018-1

- 7) PART IS SYMMETRICAL ABOUT CENTERLINE
- 8) MAKE PER TEMPLATE
- 9) POSSIBLE SUPPLIER: CHESTNUT RIDGE P/N 502148-99

110970MLJ
1401-17

RELEASED
2011-05-10

B	UPDATE TO CURRENT STD; DRAWING REVISED LAW CHESTNUT RIDGE MFG DWG. REF: NCR11-588	MB	11.05.10
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN	197	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	197		
CHECKED	197		
MFG. APPR.	197		
APPROVED	197		
DE APPR.	197	DRAWING NO. REV. B D3018 SHEET 1 OF 1 TITLE SCALE SEAT CUSHION NTS	
DATE	11.05.10	<small>COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE, DELIVERED OR COMMERCIALIZED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO22600**

Purchase Order Date 1/13/2014

PO Print Date 1/17/2014

Page Number 1 of 1

Order From :

VU-CHE001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

CHESTNUT RIDGE FOAM, INC.
PO BOX 6015
HERMITAGE, PA 16148
US

RECEIVED
FEB 14 2014

Contact Name

Vendor Phone 724 537 9000

Ship To Contact

Ship To Phone

Ship Via: FedEx PI collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

REVISED
date.

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3018-1P AS PER DWG D3018 REV. B B110970	Seat Cushion	2/6/2014 Yes 2/6/2014		4.00 Each	\$60.40	\$241.60
Line Total:							\$241.60
2	D3019-1P AS PER DWG D3019 REV. B B110998	Back Cushion	2/6/2014 Yes 2/6/2014		4.00 Each	\$46.77	\$187.08
Line Total:							\$187.08
PO Total:							\$428.68

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.
No substitution or deviation without consent.
Certificate of Conformity or Material Certification required **(YES)** NO
PST# 6122-5207

Change Nbr:

2

Change Date:

1/17/2014

Chestnut Ridge Foam, Inc.
443 Warehouse Drive
P.O. Box 781
Latrobe PA 15650

Phone: 724-537-9000
Fax: 724-537-9003



Packing Slip: 61532

PACKING SLIP

Page: 1

Ship To:

Fed Exp #1517-9324-0
Dart Aerospace Ltd.
1270 Aberdeen Street
Tel: 613-632-3336
Hawkesbury ONTARIO, CANADA K6A 1K7

Sold To:

Chantal Lavoie Fax#: 613-632-1053
Dart Aerospace Ltd.
1270 Aberdeen Street
Tel: 613-632-3336
Hawkesbury ONTARIO, CANADA K6A 1K7

PO: 22600

Ship Via: Fed Exp Int P1

FOB: Origin

Ship Date: 2/4/2014

SO: 49018

Sales Person: Aircraft

*Certificate of Conformity that all components comply with 14CFR 25.853(a) 12 Second Vertical
Burn with shipment*

Line	Planned Qty	Shipped Qty	Backorder	Part Number	Revision
1	4.00EA	4.00	0.00	D3018-1P	
				Description: AIRFLEX Bottom Cushion	
				Our Part: 502148-99	
2	4.00EA	4.00	0.00	D3019-1P	
				Description: AIRFLEX Back Cushion	
				Our Part: 601988-99	

CONTACT CHESTNUT RIDGE FOAM IF THERE IS DAMAGE OR DISCREPANCIES 724-537-9000



Certificate of Conformance

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury
Ontario CANADA K6A 1K5

PURCHASE ORDER: 22600

SALES ORDER: 49018

DATE SHIPPED: 02.04.2014

**"URGENT! FLAMMABILITY CERTIFICATION
ENCLOSED. PLEASE FORWARD TO
PURCHASING. DO NOT THROW AWAY!"**

***I certify that the individual components comprising the part shipped
against the above-referenced purchase order meets the following
requirements:***

14 CFR 25.853(a), APPENDIX F, PART 1(a)(1)(ii), AMENDMENT 25-116

Quantity	Customer Part Number	CRF Part Number	Material	Batch Number
4	D3018-1P	502148-99	AIRFLEX 55-65	AF13044
4	D3019-1P	601988-99	AIRFLEX 30-40	AF13043, AF13044

MADE IN THE U.S.A

Grace Harr

Digitally signed by Grace Harr
DN: cn=Grace Harr, o=Chestnut Ridge
Foam, Inc., ou=QA Inspector,
email=crfqa@chestnutridgefoam.com, c=US
Date: 2014.02.04 09:32:55 -0500

❖ 443 Warehouse Drive Latrobe, PA 15650
❖ Phone: 724-537-9000 Fax: 724-537-9003

CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 15141
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : CR AIRFLEX
BATCH / LOT NO : AF13044
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 55-65

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : ORANGE

CONDITIONING STARTED : DATE : 12-4-13
TIME : 10:30 AM

TEST STARTED : DATE : 12-5-13
TIME : 11:25 AM

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	3.5
#2.	0.0	0.0	4.5
#3.	0.0	0.0	5.0
AVG.	0.0	0.0	4.3

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
LAB TECHNICIAN



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 15129
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : CR AIRFLEX
BATCH / LOT NO : AF13043
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 30-40

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

CONDITIONING STARTED : DATE : 11-19-13
TIME : 9:30 AM

TEST STARTED : DATE : 11-20-13
TIME : 10:10 AM

RESULTS :

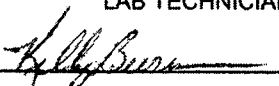
	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	3.0
#2.	0.0	0.0	3.0
#3.	0.0	0.0	2.9
AVG.	0.0	0.0	3.0

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
LAB TECHNICIAN



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 15138
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT : CR AIRFLEX
BATCH / LOT NO : AF13044
CUSTOMER : PRODUCTION
P.O. NO :
OTHER IDENTIFICATION : AFX 30-40

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

CONDITIONING STARTED : DATE : 12-4-13
TIME : 10:30 AM

TEST STARTED : DATE : 12-5-13
TIME : 11:00 AM

RESULTS :

	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	3.2
#2.	0.0	0.0	3.0
#3.	0.0	0.0	3.1
AVG.	0.0	0.0	3.1

PASS : X FAIL :

COMMENTS :

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES
LAB TECHNICIAN



CHESTNUT RIDGE FOAM INC.
VERTICAL BURN TEST # 15058
12-SECOND VERTICAL BUNSEN BURNER TEST
FOR CABIN AND CARGO COMPARTMENT MATERIALS
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853

PRODUCT: TICKING FR 4440 FABRIC
 BATCH / LOT NO.: 9744
 CUSTOMER: PRODUCTION
 P.O. NO.:
 OTHER IDENTIFICATION: SUPPLIED BY: HANES CONVERTING CO. OF CONOVER, NC
 ON INVOICE #62-134424

TEST BEING RUN: VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME
 MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F: YES

MATERIAL COMPOSITION: NA

MATERIAL PATTERN: WOVEN

MATERIAL COLOR: TAN

CONDITIONING STARTED: DATE: 9-16-13
 TIME: 9:00 AM

TEST STARTED: DATE: 9-18-13
 TIME: 10:20 AM

RESULTS:

	FLAME TIME (SECONDS)		DRIPPINGS (SECONDS)		BURN LENGTH (INCHES)	
	WARP	FILL	WARP	FILL	WARP	FILL
#1.	0.0	0.0	0.0	0.0	3.7	3.9
#2.	0.0	0.0	0.0	0.0	3.8	3.8
#3.	0.0	0.0	0.0	0.0	3.9	3.8
AVG.	0.0	0.0	0.0	0.0	3.8	3.8

PASS: X FAIL:

COMMENTS:

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,
 PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY: KELLY BURES
 SR. LAB TECHNICIAN

CORPORATE OFFICE
 500 N. MCLIN Creek Rd.
 P. O. BOX 457
 CONOVER, NC 28613-0457
 PHONE (828) 464-4673
 FAX (828) 464-0459

HANES
engineered materials
 a *Lycell & Pitt* company

INVOICE

PLEASE REMIT TO:
 HANES ENGINEERED MATERIALS
 L&P FINANCIAL SERVICES CO.
 P.O. BOX 60984
 CHARLOTTE, NC 28260

SOLD TO
 CHESTNUT RIDGE FOAM
 ROUTE 981 NORTH
 PO BOX 781
 LA TROBE, PA 15650

SHIP TO
 CHESTNUT RIDGE FOAM
 ROUTE 981 NORTH
 PO BOX 781
 LA TROBE, PA 15650

INVOICE NUMBER 62-134424	INVOICE DATE 9/11/2013	TERMS NET 30	CARRIER USF HOLLAND INC	ROUTING PER CUSTOMER REQUEST 5/17/01	PROCESS C			
CUSTOMER NO. 15985	CUSTOMER ORDER NO. 31978	SLS. MGR. / SLSMAN. 65 452	ORDER DATE 9/06/2013	CONOVER, NC	DAY8 S/L 29733			
DATE OF LADING 010 11989		RELEASE #						
QTY	UNIT	DESCRIPTION	PUTUP	PKTGS	QUANTITY	UNIT	PRICE	AMOUNT
40.000		TICKING FR 4440	100	AL CC 2T	5.032	LN		
CERTIFICATION: THE SELLER DOES NOT CERTIFY, EITHER IMPLICITLY OR EXPLICITLY, THESE PRODUCTS TO MEET THE REQUIREMENTS OF ANY REGULATORY AGENCY OR SPECIFICATION EXCEPT AS MAY BE CERTIFIED ABOVE OR UNDER SEPARATE WRITTEN CERTIFICATION. ALL TRANSACTIONS ARE SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS INVOICE. USF HOLLAND INC PROP 10250581037								

15985

ORIGINAL

214 THE LAWS OF THE STATE OF NORTH CAROLINA SHALL GOVERN THIS TRANSACTION. A LATE PAYMENT CHARGE AT A PER ANNUAL RATE
 EQUAL TO THE PRIME RATE OF THE CHASE MANHATTAN BANK, N.A. IN EFFECT ON THE FIRST DAY OF EACH MONTH PLUS 2% OR 15% PER ANNUAL
 WHICHEVER RATE IS HIGHER, WILL BE IMPOSED ON THE FIRST OF EACH MONTH ON ALL PAST DUE INVOICES PAID DURING THE MONTH.

TOTAL INVOICE
 AMOUNT

PAGE 1 LAST 41469

CHESTNUT RIDGE FOAM, INC.

443 WAREHOUSE DR.
LATROBE, PA 15650

P/N: 502148-99

SO#: **49018**

DATE MFD: **02/14**



CHESTNUT RIDGE FOAM, INC.

443 WAREHOUSE DR.
LATROBE, PA 15650

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